25X1

NAVY review

Approved For Release 2007/07/02 : CIA-RDP80S01540R007200050014-8

25X1

CONNAVORD REPORT FOR MAY USE CRLY

Requirements as set forth by VP-SEE were: compass to ham head true north after 10 to 12 seconds; conditions under which it was expected to do

A prototype compass was scheduled to be ready
for testing in 1956. This research project was among those ordered and
paid for by VP-SES directly. 125,600 East DE had been approved for 1956work on the project.

3. Special repeater company.

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Purpose of this compass was to have degaussing loops absord autematically adjusted in accordance with the steered sourse. To achieve this, the "special" repeater compass was to be connected by extra cables to the degaussing loops. Designing and developing the compass was scheduled to be ready for testing by mid 1956.

be selved in 1956. AFT YURKWERK ECEPERICK was also scheduled to build the compasses. In this connection, at BERLIN-KORPERICK had been selected to become the compass manufacturing plant in the BOYLONE. This research project was among those ordered and puid for by INSTRILANT PUER FORSCHUNG & ENTRICKLUNG BEI DAN STAATLICHEN FLANKSMEISCICK (hereafter referred to as RESTRALANT) on behalf of VF-SEE.

60,000 East DE had been approved for 1956-work on the project.

4. "Frojektionskompasa".

This was no real designing project as the plant in charge. VEB GERATTEEXHERIMIZEDER & REGLESSER at TELTOW (formerly ASRADIA Works) had
obtained one such compass from West-GERMANI after which they had to develop
a model of their own. A prototype compass was assumed
to be ready for testing by mid 1956 yet. The compasses were planned for 25X1
either SCHWALDE or FORELLE-class units. This research project was manual
among those ordered and paid for by AENTHALANT —— on behalf of VI-SEE.
50,000 East DE had been approved for 1956-work on the project.

This was a small compass

Compasses were planted to be used abourd either SCHEALES OF 25X1
FORELEZ-class units. Designing and developing order for 1 prototype compass had been placed with above VEB GERARTS- & REGLASSER at TALTOS in 1955.
Future orders will be placed only after tests with the prototype have proved its usefulness. This research project was among those ordered and paid for by VP-3EE directly. 100,000 East DE had been approved for 1956work on this project.

6. Compages for small abip-classes.

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6 June 1956

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PORRLLE-class PT-boets and SCHEALBE-class minelayers and mine-sweepers will most likely not be equipped with gyro compasses. They are considered too small for same. One of the above 2 classes was, therefore, scheduled to be equipped with "Projektionskompass", the other class with "Elektroly-thompass".

7. Gyro pilot for ships and small craft.

Designing has been completed at RFT FUNKABER ROFFERICE. A prototype set was to be ready for testing in 1956. The set was supposed to be installed in KRARZ-class fhiefly, despite the mentioning of "small craft". The This research project was among those ordered m and paid for by EENTKALART on ham behalf of VP-SEE. 3578 95,000 East DM had been approved for 1956-work on the project.

8. Log ("Pahrtmossanimee").

TP-SEE wanted a log especially for fast ships. Lesigning was to be completed in 1956. RFT FERENCE KONFENICE the only plant approached so far, had not accepted the order a to design this unit. It is assumed this was the result of VP-SEE's asking for a high-speed log which, it is thought cannot be designed as a pressure-type log as VP-SEE had thought. The log will probably be designed and developed at RFT FUNKWERE ROMPESION as a so-called "Studiesentwurf". This research project was smong those ordered and paid for by VP-SEE directly. 120,000 East DN had been approved Ex for 1956—work on the project. In this connection, high-ranking VP-SEE officers had discussed the idea of water this "Faurtmesseables" (log) as an scho sounding gear whereby the forward opening sould act as transmitter and the aft opening as receiver.

9. Depth recorder and indicator ("Behograph mit Rotlichtanzeige").

This fathometer was required to work down to 1,200-meter depth; minimum depth remaining Designing was underway at AFT YUSAWBAK KEFREICK since 1955, but little progress has been made. Prototype fathometers were scheduled to be ready for testing by the end of 1956. This research project was among those ordered and paid for by EEFTHALAMT ... On behalf of YF-SEE. 110,000 East DR had been approved for 1956-work on the project.

10. Shallow-water echo sounding gear ("Schoflachlot").

Designing and developing this fathometer had been one of E.H.l.'s (NAUTISCH STDROUGAFRISCHES INSTITUT) last missions before its discetablishment in 1955. VP-SEE had ordered 2 prototype sets which had been built at the above institute and were tested aboard E.H.D.-craft in STRALSUAD waters. Tests were successful. During 1956, & RFT FUNKTERE ECEPHRICE was ordered

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6 June 1956

to build 12 and manh such sets following M.H.I. design for VP-SER, U.H.D. ordered another 12, and VEB TAGRITHERFT at MORFEETCK another 6, 8, or 10 for SCHWALBE-class unite building in the shippard. Those to be han built for S.H.D. will probably have a recording system ("Echograph"). Frice per set with "Rehograph" came up to 7.600 East DM. The following date on above 25X1 gear range between 0.5 and 20 maters; faulty indications between 2 and 3% only; set was "schwellwassergeschetat", official ly indicated by the symbol "F 44"; the set was "ruettel- & schlageicher" (shock resistant); "Schwinger" (oscillators or vibrators) were made of plastic or ceremic material instead of metal; the gear did not send out electric but sound impulses. This research project was among those ordered and paid for by VF-SER directly. 160.000 East DM had been approved for 1956-work on not all this amount will be needed the project. for above project and will be transferred to funds approved for 1956-work on a other projects. 25X1

11. Automatic plotter ("Automatisches Koppelgeract").

Designing was finished at RFT FURKWERE KORFERICK. A prototype set was to be ready for a testing in 1956. The set was mainly for KAAKE-class. The This research project was among those ordered and paid for by ARRTHALAMT on behalf of VF-SER. 100,000 East DM had been approved for 1956-work on this project.

12. Nautical range finders ("Hautische Entfernungemesser").

As requirements for the sets had not been specified exactly by VP-SEE and a plant to design, develop, and build same had not yet been selected, source had no information whatsoever. This research project was among those ordered and paid for by VF-SEE directly. 30,000 East De had been approved for 1956-work on the project.

13. "Schiffekezmandennlegen - B & M Anlagen".

The letters B and E stood for "Befehls & Welde-Anlagen". These were probably to become some kind of comming bridge control deaks. Besigning and developing was completed by SFT FUEKWERK KOEFERICK in 1954 or early 1955. A prototype set was built in 1955 and displayed during the last LEIPZIG fair. In 1956, another 12 or 15 "deaks" were scheduled to be built at the above plant. Their construction has begun. The deaks were gat planned to be installed in FALKE-C and KHAKE-class units. This research project was among those ordered and paid for by ANSTRALART on behalf of VP-NEE. 100,000 East DE had been approved for 1956-work on the project.

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